Installation Instructions

This document is for the person who installs, administers, and troubleshoots servers and storage systems. HP assumes you are qualified in servicing computer equipment and trained in recognizing hazards in products with hazardous energy levels.

hp ProLiant DL380 Storage Server

Operating system

The HP ProLiant DL380 Storage Server is preloaded with the Windows® Storage Server 2003 operating system. Prior to power up, deployment instructions found in the *"Installation Guide"* should be followed to enable the successful configuration of the storage server in addition to the guidelines found below.

Required Items:

■ Installation Guide

■ Administration Guide

To begin the first-time startup procedure:

■ Be sure that the server is safely installed in an adequate environment.

■ Be sure that the power cables and peripheral devices are plugged in and AC power is supplied to the server.

■ Refer to the Installation Guide prior to powering up the server.

Product documentation

Installation Instructions	rack installation poster
Rack template	tool used during rack installation
Documentation CD	contains: ■ Administration Guide ■ Installation Guide
Installation Guide	requirements and configuration options
Administration Guide	provides administrative and procedural instructions to manage the storage server
HP Warranty fulfillment document	provides instructions to obtain a printed warranty
HP *Important Safety Information* booklet	Safety information for HP Storage, Power, Networking and Rack products

Rack planning resources

The rack resource kit ships with all HP branded or Compaq branded 9000, 10000, and H9 series racks. For more information on the content of each resource, refer to the rack resource kit documentation.

If you intend to deploy and configure multiple servers in a single rack, refer to the white paper on high-density deployment at the HP web site.
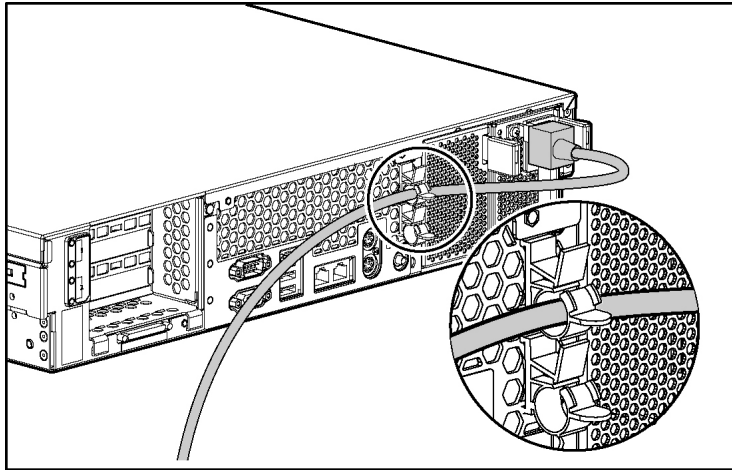
http://www.hp.com/products/servers/platforms

Installing the server into a rack

⚠️ **CAUTION:** Always install the heaviest item first, and continue to populate the rack from the bottom to top.

1. Install the server and cable management arm. Refer to the installation instructions that ship with the 2U Quick Deploy Rail System.

   - If you chose not to install the cable management arm, install the power cord anchor to the server.

IMPORTANT: When using cable management arm components, be sure to leave enough slack in each of the cables to prevent damage to the cables when the server is extended from the rack.

If using the power cord anchor, be sure to leave enough slack in the power cord so that the redundant power supply can be removed without disconnecting the power cord from the primary power supply.
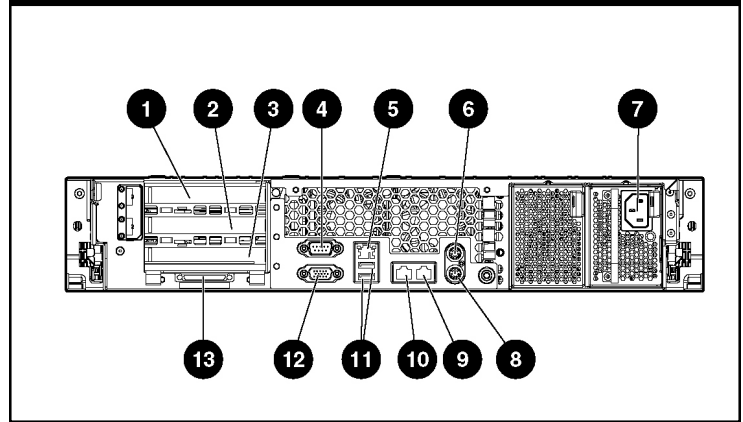
2. Connect any peripheral devices.
3. Connect the power cord to the back of the server.
4. Secure cables to the cable management arm if installed.
5. Connect the power cord to the AC power source.

⚠️ **WARNING:** To reduce the risk of electric shock or damage to the equipment:
   - Do not disable the power cord grounding plug.
   - Plug the power cord into a grounded (earthed) electrical outlet that is easily accessible at all times.
   - Unplug the power cord from the power supply to disconnect power to the equipment.
   - Do not route the power cord where it can be walked on or pinched by items placed against it.

Server callouts

Item	Description	Color
❶	Hot-pluggable PCI-X expansionslot 3, slot 3, 64-bit/100 MHz, Bus B	N/A
❷	Hot-pluggable PCI-X expansion slot 2, slot 2, 64-bit/100 MHz, Bus B	N/A
❸	PCI-X hot pluggable expansion slot 1, 64-bit/133 MHz, Bus A	N/A
❹	Serial connector	Teal
❺	iLO connector	N/A
❻	Mouse connector	Green
❼	Power cord connector	N/A
❽	Keyboard connector	Purple
❾	NIC 1 connector	N/A
❿	NIC 2 connector	N/A
⓫	USB connectors	Black
⓬	Video connector	Blue
⓭	VHDCI SCSI connector (port 1)	N/A

Registering the server

To register your product visit the HP Registration website at:

http://www.register.hp.com